

**Remarks: General**

The specification has been amended to add thereto a notation of the claim to benefit made in this application as to the three prior U.S. provisional applications.

The claims have been amended by (a) rewriting Claims 56, 66, 70 and 74; (b) canceling Claims 12~53, 57~59, 64~65, 67~68, 81 and 83~91 without prejudice to or disclaimer of the subject matter thereof; and (c) adding new Claims 92 and 93. No new matter is added by these amendments. New Claim 92 corresponds to pending Claim 54, and new Claim 93 corresponds to pending Claim 7.

The amendments to Claims 56 and 74 are not related to patentability inasmuch as they are made solely as to matters of form for the purpose of clarifying the intended meaning that both single wall and multi-wall carbon nanotubes are present. The amendment to Claim 70 is not related to patentability inasmuch as it is made solely for the purpose of revising dependency in view of the cancellation of other claims.

A supplemental Information Disclosure Statement ("IDS") pursuant to 37 CFR §1.98 is enclosed, for which the fee stated in §1.17(p) is due by reason of §1.97(c)(2). Please charge this fee to Deposit Account No. 04-1928 (E.I. du Pont de Nemours and Company).

By Applicant's calculation, no fee is due by reason of the addition of Claims 92 and 93. The cancellation of Claims 12~53, 57~59, 64~65, 67~68, 81 and 83~91 has been taken into account in the fee calculation. If, however, Applicant's calculation is in error, please charge any required fee to Deposit Account No. 04-1928.

If any fee other than or in addition to those mentioned specifically above is required to authorize or obtain consideration of this response and the enclosed IDS, please charge such fee to Deposit Account No. 04-1928.

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Art Unit 1734, Examiner Mayes  
Docket No. CL-1673 US NA  
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Claims 1~11, 54~56, 60~63, 66, 69~80, 82, 92 and 93 are now active in the application. Applicant hereby requests reconsideration and further examination of the application in view of the traverse it has set forth below as to the Examiner's rejections.

**Remarks: Detailed Action**

I.

In Item 2 of the April 6, 2005 Office Action, the Examiner has objected to Claims 66~68 under 37 C.F.R. §1.75 as being substantial duplicates of Claims 1, 12 and 13. Claims 12, 13, 67 and 68 have been canceled.

Applicant has amended Claim 66 to provide that the fabrication being performed is in relation to a field emission triode, a completely screen printed field emission triode or a lighting device. Applicant therefore submits that Claim 66 is no longer a substantial duplicate of Claim 1, and respectfully requests that the Examiner withdraw the objection to Claim 66.

II.

In Item 4 of the April 6, 2005 Office Action, the Examiner has rejected Claims 56 and 74 under 35 U.S.C. §112, second paragraph, as being indefinite. Applicant has amended Claims 56 and 74 to clarify the intended meaning in those claims that both single wall and multi-wall carbon nanotubes are present.

In view of the foregoing, Applicant respectfully requests that the Examiner withdraw the rejection of those claims under 35 U.S.C. §112.

III.

In Item 6 of the April 6, 2005 Office Action, the Examiner has rejected Claims 12~17, 24~39, 57, 58, 67, 68, 70~74 and 81 under 35 U.S.C. §102 as being anticipated by, or, in the alternative, under 35 U.S.C. §103(a) as being unpatentable over, U.S. Patent No. 6,239,547 ("Uemura"). Although Applicant disagrees with this rejection by the Examiner, Applicant has elected to cancel those claims in this application in favor of continuing the prosecution thereof in a continuing application that was filed on September 29, 2005 under Docket No. CL-1673 US CNT 1.

IV.

In Item 7 of the April 6, 2005 Office Action, the Examiner has rejected Claims 59 and 75 under 35 U.S.C. §103(a) as being unpatentable over Uemura in view of U.S. Patent No. 6,146,230 ("Kim"). Claim 59 has been canceled. As Claim 70 has been amended to provide that it is dependent on only Claims 60~63 or 66, Claim 75 is no longer dependent on a rejected base claim. Applicant therefore respectfully requests that the Examiner withdraw the rejection of Claim 75 under 35 U.S.C. §103(a).

V.

In Item 8 of the April 6, 2005 Office Action, the Examiner has noted that Claims 69, 76 and 79 have multiple dependency including dependency from objected-to Claim 66. As set forth above, Applicant has amended Claim 66 in such manner that Applicant believes the Examiner's objection is overcome.

VI.

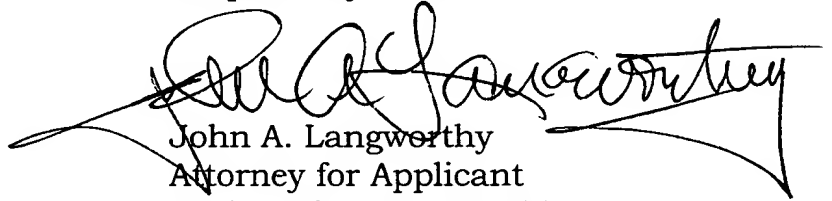
In its paper filed on April 14, 2005, Applicant requested that an interference be declared between this application, as containing Claims 83~85, and U.S. Application SN 10/653,990; and that an interference be declared between this application, as containing Claims 86~91, and U.S. Application SN 10/879,979. As noted above, Claims 83~91 are being canceled from this application. Applicant has, nevertheless, renewed its request that an interference be declared, on the same basis as set forth in its April 14, 2005 amendment, between the continuing application mentioned above, as containing Claims 71~79 that correspond to Claims 83~91 herein, and SN 10/653,990 and SN 10/879,979.

VII.

In its paper filed on July 25, 2003, Applicant requested that an interference be declared between this application, as containing Claim 82, and U.S. Patent 6,436,221. Applicant renewed its request in this respect in its papers filed on April 19, 2004 and April 14, 2005. Applicant hereby again renews its request that an interference be declared between this application, as containing Claim 82, and U.S. Patent 6,436,221.

In view of the foregoing, Applicant submits that all of the Examiner's objections and rejections have been properly traversed, and that the pending claims are in condition for allowance. Applicant respectfully requests that a notice of allowability of all pending claims be issued, and that the case be forwarded to the Board of Patent Appeals and Interferences with a favorable recommendation for the declaration of an interference with US 6,436,221

Respectfully submitted,

A handwritten signature in black ink, appearing to read "John A. Langworthy", is written over the typed name. The signature is stylized with a large, sweeping initial "J" and a long horizontal stroke extending to the right.

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